

SUGGESTED FORMAT FOR YOUR SIMULANT PRESENTATION

I- Background

- What was objective of the testing? For example:
 - reaction rates
 - thermodynamic end states
 - heat transfer
 - filter flux
 - erosion
 - overall process demo
 - other

II - Simulant Selection and Bench Scale Development -

- What parameters of the waste were modeled in the simulant(s)? For example:
 - Density
 - Viscosity
 - Particle shape, size, hardness
 - Shear strength
 - Other
- How or why did you pick this (these) parameter(s)?
- What was the simulant? For example:
 - clay
 - mixed chemicals
 - reacted chemicals
 - glass beads
 - other
- Were any parameters of the simulant scaled in any way? If so, how?

III - Simulant Scale Up and Use

- Who made it the simulant for your testing?
- What volume was it produced in?
- How much was needed (total volume)?
- Were any shipping or handling issues encountered?
- What issues were encountered during testing or between simulant batches?
- How did you verify/validate the simulant prior to use?

FORMAT SUGGESTION FOR YOUR SIMULANT PRESENTATION

IV - Summary

- What issues were encountered in the laboratory development of the simulant?
- What issues were encountered in the scale up or larger scale production of the simulant?
- What simulant issues were encountered during testing?
- How did you resolve issues?

V - Summary Table-

<u>Stage of Simulant Development</u>	<u>Approach</u>	<u>Issues</u>	<u>Resolution</u>
Parameter Selection			
Lab/Bench scale Development			
Scale Up and Manufacture			
Actual Testing			